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| Substitute for form 1449A/PTO | | | | Complete if Known | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 09/856,823 |
| | | | | Filing Date | May 25, 2001 |
| | | | | First Named Inventor | Shin HASHIMOTO et al. |
| | | | | Art Unit | 1765 |
| | | | | Examiner Name | Matthew J. SONG |
| Sheet | 1 | of | 1 | Attorney Docket Number | 740819-559 |

| U.S. PATENT DOCUMENTS | | | | | |
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| Examiner Initials [*] | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| MS | | US-4,861,750 | 08-29-1989 | Nogawa et al. | |
| MS | | US-4,992,298 | 02-12-1991 | Deutchman et al. | |
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| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
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| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
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| Examiner Initials [*] | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ⁷ |
| MS | | M. MOLL et al., "Relation Between Microscopic Defects And Macroscopic Changes In Silicon Detector Properties After Hadron Irradiation", Nuclear instruments and Methods in Physics Research B 186 (2002); pp. 100-110. | |
| | | B. GERSEY et al., "Neutron Dosimetry Using Tissue Equivalent And Silicon Equivalent Proportional Counters For Eight High-Energy Neutron Spectra", 14th Space Radiation Health Investigator's Workshop; April 27-30, 2003; pp. 73-75; Texas. | |
| | | E. NORMAND et al., "Neutron-Induced Single Event Burnout in High Voltage Electronics", IEEE Transactions on Nuclear Science, Vol. 44, No. 6, December 1997, pp. 2358-2366. | |
| MS | | D. McGregor et al., "Bulk GaAs-Based Neutron Detectors For Spent Fuel Analysis", 8th International Conference on Nuclear Engineering, ICON-8827, April 2-6, 2000, pp. 1-8; Baltimore, MD. | |

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| Examiner Signature | <i>Math J Song</i> | Date Considered | 7/14/2005 |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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| M) | | M. MOLL et al., "Relation Between Microscopic Defects And Macroscopic Changes In Silicon Detector Properties After Hadron Irradiation". | |
| | | B. GERSEY et al., "Neutron Dosimetry Using Tissue Equivalent And Silicon Equivalent Proportional Counters For Eight High-Energy Neutron Spectra". | |
| | | E. NORMAND et al., "Neutron-Induced Single Event Burnout in High Voltage Electronics", IEEE, Dec. 1997. | |
| M) | | D. McGregor et al., "Bulk GaAs-Based Neutron Detectors For Spent Fuel Analysis", ICON-8827, April 2-6, 2000. | |

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| Examiner Signature | <i>Math J</i> | Date Considered | 7/14/005 |
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